



SIS CONNECTIONS



FLORIDA'S STRATEGIC
INTERMODAL SYSTEM
FEBRUARY 2016

AIRPORTS • DEEPWATER SEAPORTS • HIGHWAYS •
INTERCITY BUS TERMINALS • RAIL TERMINALS • MILITARY
ACCESS FACILITIES • HIGHWAY TRAVELERS • INTERMODAL
LOGISTIC CENTERS • SPACEPORTS • WATERWAYS • AIR
PASSENGERS • AIR CARGO • WATERBORNE FREIGHT •
COMMUTER RAIL • RAIL CORRIDORS • HIGHWAY FREIGHT



DISCOVERING THE SIS

The Florida Department of Transportation's Strategic Intermodal System (SIS) is a high-priority, high-demand network that designates and aligns Florida's most significant transportation facilities based on volume and economic activity. The power of the SIS is demonstrated in its ability to fund, connect and logistically support improvement efforts over several different modes of transportation. Regionally, the success of individual transportation projects can be seen by way of job creation, new business and faster connections.

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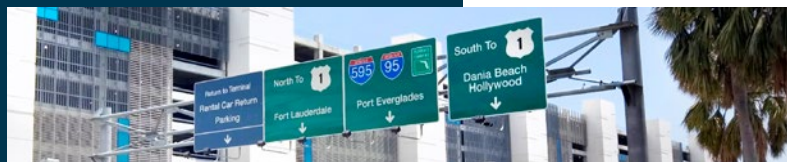
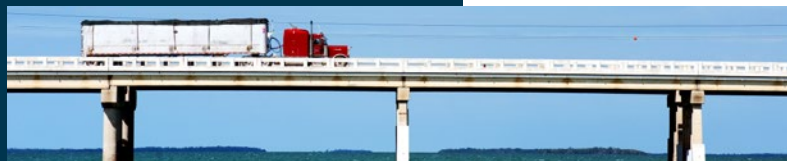
CONTENTS

04 POLICY PLAN UPDATES
Key insights to FTP and SIS planning

05 ECONOMIC SPOTLIGHT
A quick glance into Florida's airways

06 SIS DESIGNATION
How it works

08 NATIONAL AWARDS
FDOT received top honors



A MESSAGE FROM THE SECRETARY

Welcome to the first edition of **SIS CONNECTIONS**, a publication featuring news and headlines from the Florida Department of Transportation Strategic Intermodal System (SIS).

The SIS exists to enhance Florida's economic prosperity and competitiveness. When people and goods can move with ease over many transportation modes, it translates into more imports and exports, new business and job opportunities, increased tourism and an overall opportunity for greater economic success.

In this issue of **SIS CONNECTIONS**, we will delve deeper into the capabilities of the SIS, recent updates to planning and funding, what qualifies as a designated SIS facility and much more. We encourage you to follow the SIS online through the **FDOT website**.

JIM BOXOLD, Secretary of Transportation
Florida Department of Transportation



DISCOVERING THE SIS

The Power of Florida's Transportation System

The SIS is the state's primary means of moving people and goods around the world and includes:

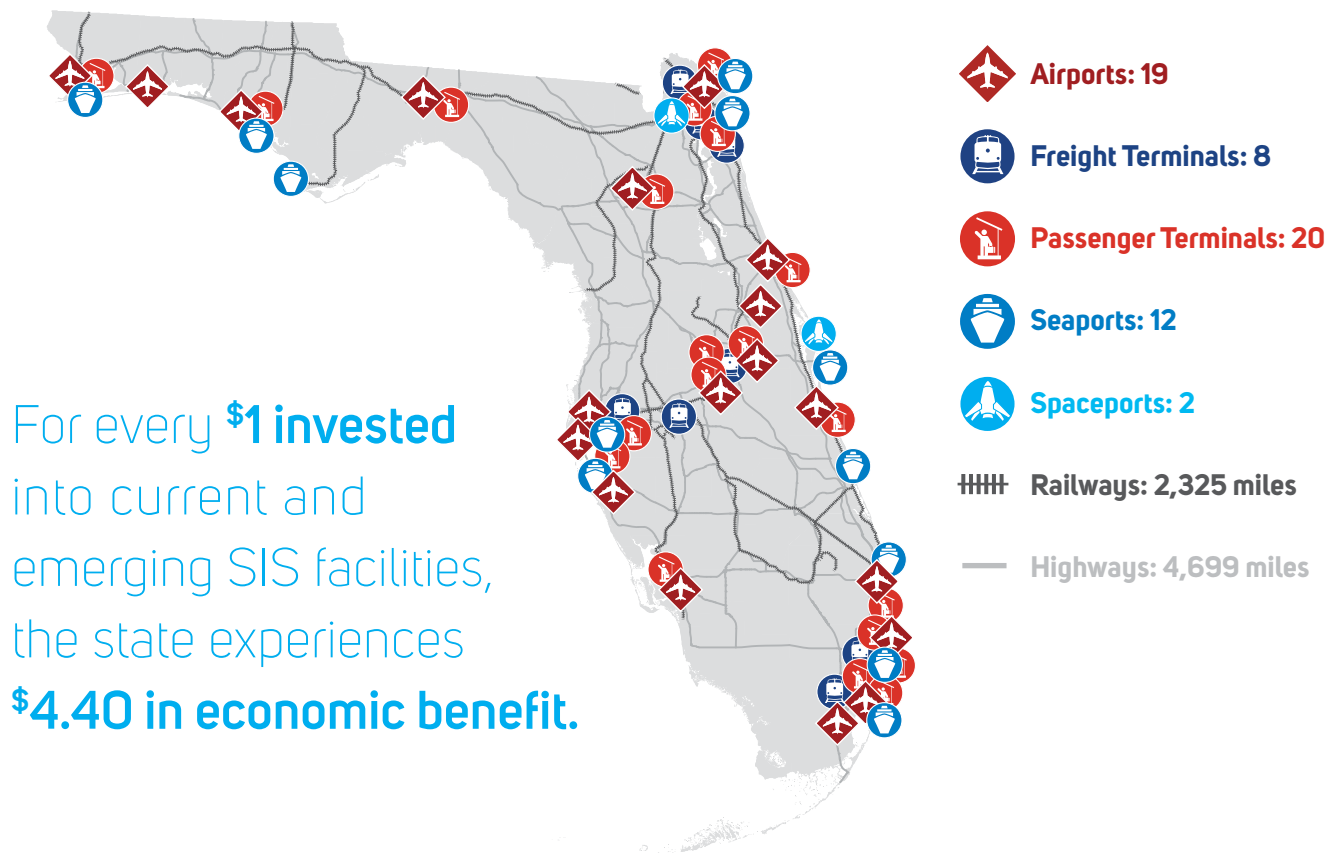
Airports, Deepwater Seaports, Rail Corridors and Terminals, Highways, Intercity Bus Terminals, Intermodal Logistic Centers, Military Access Facilities, Spaceports and Waterways.

The Florida Legislature established the SIS in 2003 to enhance Florida's economic prosperity and competitiveness through strategic transportation investments. FDOT's goal is to create an intermodal transportation system that enhances all facets of the economy, improves quality of life and ensures sound stewardship of the environment now and for generations to come.

Over the past 10 years, more than \$12.5 billion¹ has been invested in SIS facilities. Projects and efforts have been lauded with national recognition for their innovative approach and execution, improvement to safety and mobility and ability to meet the demands of a growing global economy.

[Click here for more SIS information and resources.](#)

FLORIDA'S SIS FACILITIES:





SIS POLICY PLAN AND FTP UPDATES

Regional Meetings Provide Key Insight To Planning

FDOT is pleased to announce that the SIS Policy Plan and the Florida Transportation Plan (FTP) is finalized for 2015/2016. This statewide policy-level plan provides long-term guidance to FDOT and all other transportation partners in the state. FDOT gathered input for the plans from the public and stakeholders in a series of regional and statewide workshops. Over 15,000 suggestions have contributed to the development of Florida's future transportation vision and goals.

Over the last year, FDOT has also been updating the First Five Year Plan for 2015/2016, a comprehensive document updated annually to reflect projects that are slatted for funding within five years. In tandem with this document are the Second Five Year and a Cost Feasible Plans, which collectively, encompass projects for funding consideration over the subsequent 20 years. Funding is provided through the State Transportation Trust Fund and additional sources such as federal, regional, and local public and private partners.

FDOT works to ensure a seamless multimodal transportation system that is in constant improvement with a big picture approach and understanding of local impact.

[Click here to view the First Five Year Plan.](#)

[For recent news on FTP and SIS plan updates, please visit \[FloridaTransportationPlan.com\]\(http://FloridaTransportationPlan.com\)](#)



ECONOMIC Q SPOTLIGHT

Florida Skies Generate More Than \$144 Billion Per Year²

AIRPORTS



Florida's aviation system makes substantial contributions to the state's economy through tourism and business travel, aviation-related construction, air cargo shipments, military activity and aviation education. Employing 1.2 million people with a total payroll of \$39.8 billion, a successful aviation industry contributes to an improved economy and quality of life for Floridians.²

At-A-Glance

- Florida features 19 SIS airports handling 99% of air passengers and cargo movement³
- Florida ranks 4th in the nation for total air cargo tonnage moved³
- Orlando, Miami and Ft. Lauderdale-Hollywood International Airports rank among the top 25 passenger airports in America⁴
- In 2015 Miami International Airport ranked #1 in America for international freight⁴

SPACEPORTS



FDOT and Space Florida are investing in the future by providing funding to improve aerospace facilities, address intermodal requirements, assist in the development of joint-use facilities and encourage efforts to improve space transportation and efficiency. Aerospace companies in Florida contribute over \$144 billion in revenue to the state's economy and Florida has been ranked by PricewaterhouseCoopers as the #1 state for aerospace manufacturing attractiveness.⁵

At-A-Glance

- 2 of the state's space launch facilities bear the SIS designation
- More than 470 aerospace companies and 1,670 aviation companies are located in Florida⁵
- Florida is consistently ranked Top 5 in aerospace industry employment, with over 76,000 Florida employees in 2013⁵



SIS DESIGNATION

How it Works



SIS facilities are designated through the use of objective criteria and thresholds based on quantitative measures of transportation and economic activity. These facilities meet high levels of people and goods movement and generally support major flows of interregional, interstate, and international travel and commerce. Facilities expected to meet the established criteria and thresholds for SIS designation in the future, are referred to as Emerging SIS. These facilities experience lower levels of people and goods movement but demonstrate strong potential for future growth and development.

RESOURCES

A number of resources are available to guide in the SIS designation process. To learn more, download the resources below and for additional support call 850.414.4900.

- ▶ SIS Designation
- ▶ SIS Brochure
- ▶ Florida's Strategic Intermodal System Handbook 2015
- ▶ SIS Funding Eligibility Guidance Document

COMPONENTS OF THE SIS

The Legislature intended that the SIS include only the transportation facilities that meet a strategic and essential state interest. By limiting the SIS to only those facilities that are most critical, improvement projects should have a greater impact statewide.

Section 339.63, F.S. defines the components of the SIS:

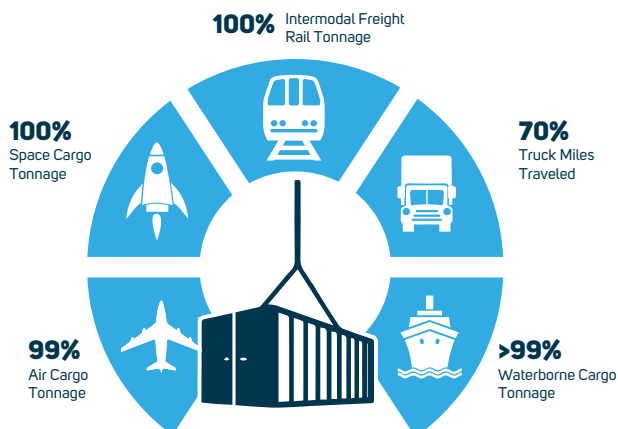
- **Hubs** (facilities that receive people and goods)
- **Corridors** (facilities that move people and goods)
- **Connectors** (links between hubs and corridors)
- **Military access facilities**
- **Facilities that significantly improve the state's competitive position** to compete for the movement of additional goods into and through this state
- **Planned intermodal logistics centers** that request designation and meet the definition in s. 311.101



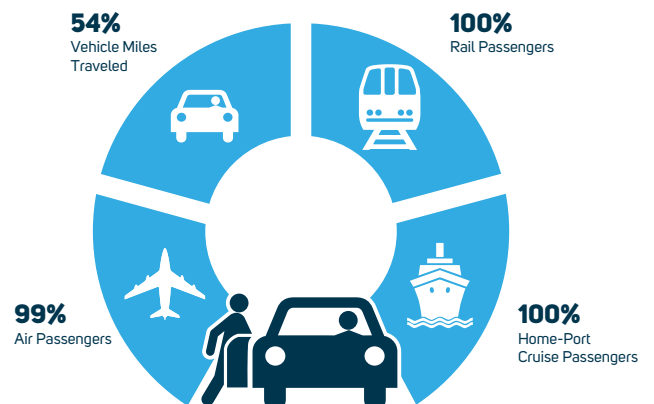
SIS NETWORK

Nearly all trips made throughout Florida's land, sea or sky, use the SIS. This graphic highlights the percentage of SIS facilities moving people and goods in Florida.

CARGO/FREIGHT MOVING ON SIS



PEOPLE MOVING ON SIS



TWO SIS FACILITIES LAUDED WITH NATIONAL AWARDS

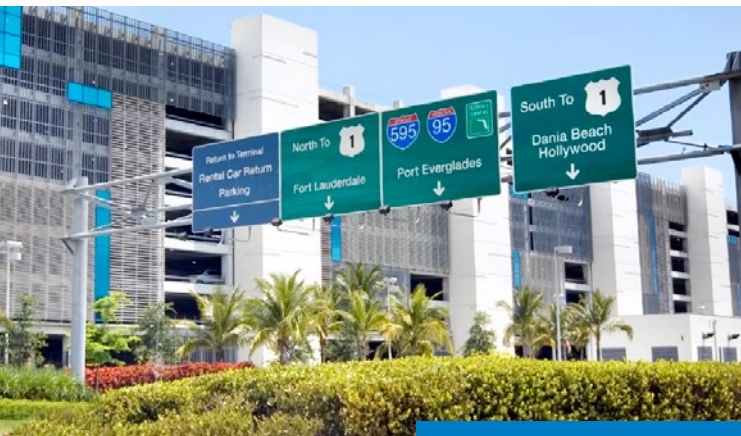
FDOT received top honors at the eighth annual 2015 America's Transportation Awards competition this September for two SIS projects in South Florida – PortMiami Tunnel and I-595 Corridor Improvements.

Receiving the Grand Prize was PortMiami Tunnel, which created a direct connection between the PortMiami and the interstate highway system. This \$670 million endeavor called for tunneling through limestone and coralline formations, creating the largest soft ground bored road tunnel in North America. Since opening, traffic congestion in downtown Miami has been reduced, effectively improving freight and passenger movement.

After receiving more than 56,000 online votes, the I-595 Corridor Improvements Project was awarded the People's Choice Award. Not only was the project impressive with its design that included express lanes, express bus service and a bike/pedestrian greenway, the project was funded by a public-private partnership and came in under budget by \$275 million.



PortMiami Tunnel



I-595 Corridor Improvements

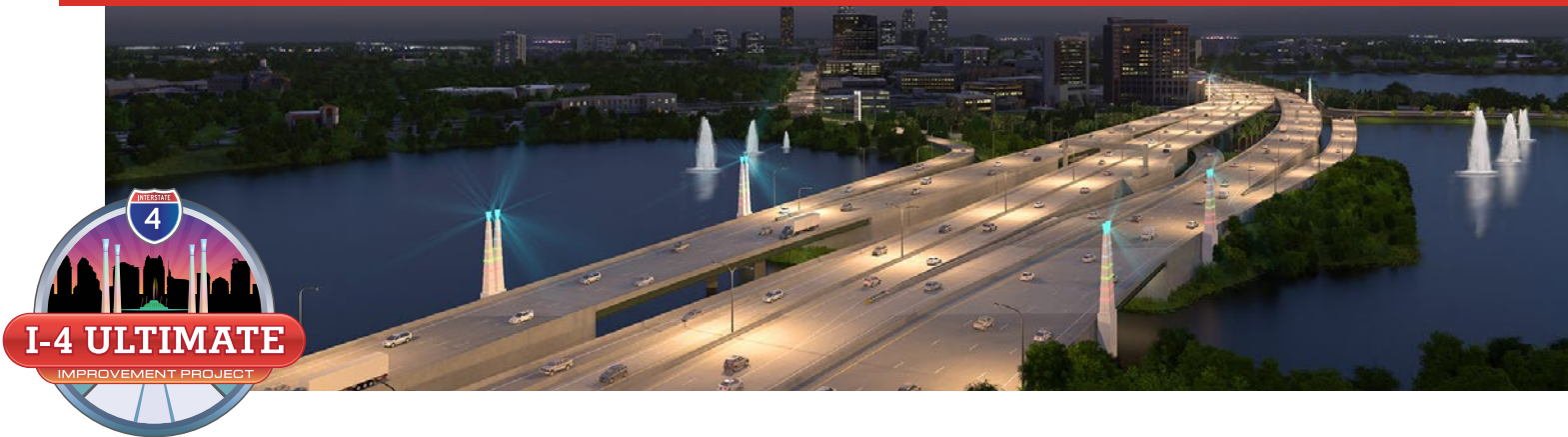
“Receiving such recognition from the American Association of State Highway and Transportation Officials, AAA and the U.S. Chamber of Commerce reaffirms we are making the best decision for Florida.”

~ Jim Boxold, Secretary, FDOT

DISCOVER I-4 ULTIMATE

"I-4 Ultimate is a great example of why the SIS is so successful. Improvements such as a pedestrian bridge, Intelligent Transportation Systems (ITS) and variable toll express lanes will improve safety, alleviate congestion and enhance the quality of life."

Chris Edmonston, SIS Planning Manager, FDOT.



- **WIDENING** of 13 bridges
- **REPLACEMENT** of 74 bridges
- **ADDITION** of 53 bridges
- **RECONSTRUCTION** of 15 major interchanges
- **ADDITION** of 4 new express lanes with dynamic toll pricing
- **REBUILDING** general use and auxiliary lanes
- **INCREASE** posted speed from 50 to 55 mph

I-4 Ultimate is a 21-mile makeover of a critical corridor in Central Florida. The \$2.3 billion project, which is slated for a 6½ -year construction period, is designed to connect communities, improve economies and enhance livability throughout the Central Florida region.

Featuring some of the world's most famous parks and entertainment venues, more than 59 million visitors travel to this area each year.⁶ Combined with the millions of residents in the area, these improvements are critical to the continued success of the region.

I-4 Ultimate is funded through a 40-year public-private partnership with a concessionaire responsible for funding the design and construction of the project. This innovative financing structure allowed construction to start much sooner than traditional one-source financing.

In an effort to minimize traffic congestion during construction, the number of active lanes will not change during peak travel times. Alternate commuting opportunities are being actively promoted to businesses and residents including SunRail, buses and carpooling. I-4 Ultimate is staying connected with the community regarding construction updates through the project website, social media, news releases and more.



Pedestrian Bridge

[Click here to see video renderings, construction plans and more on **i4ultimate.com**.](#)

WE WANT TO HEAR FROM YOU

What would you like to read about in SIS Connections?

Share your feedback for our next issue by emailing SIInfo@dot.state.fl.us



SYSTEMS PLANNING OFFICE

www.dot.state.fl.us/planning/sis

SOURCES:

(1) Florida Department of Transportation, Systems Planning (2) Florida Department of Transportation, Statewide Aviation Economic Impact Study Update 2014 (3) Florida Department of Transportation, Office of Policy Planning (4) Miami International Airport, US and Worldwide Airports Rankings 2014 (5) Enterprise Florida (6) Visit Orlando